Name of Work:- Improvements to drains of 20th main 3rd cross road of G block sahakaranagara and byatarayanapura gramatana in ward No.07 Byatarayanapura

Estimated Cost:- 25.00 akhs

S.N	DESCRIPTION OF WORK	Unit	N	L	B	D	QTY	RATE	AMOUNT
1	2	3	4	5	6	7	8	9	10
1	KSRRB 300-1. Earthwork excavation by manual means in rodinary soil involving an average horizontal throw upto 2 m and an average lift upto 1.5m, excavated surafce levelled and sides neatly dressed, the disposed earth to be levelled neatly after breaking clods complete as per specifications.. Pg No.143.Item No.19.1)								
	Basic Rate:	cum	**130.00**						
	Area Weightage @ 6%		7.80						
	Total		**137.80**						
	3rd cross		2	126.00	0.95	1.00	239.40		
	Rain water harvesting		4	3.14*0.8*0.8		1.70	3.40		
				4					
	Culverts		2	6.00	2.00	1.20	28.80		
					TOTAL		**271.60**	137.80	37427.00
2	KSRB 4-1.3: Providing and laying in position plain cement concrete of nominal mix 1:4:8 with OPC @ 180kgs, with 40mm and down size graded granite metal machine mixed, conrete laid in layers not exceeding 15 cms. Thick well compacted in foundation and plinth, including cost of all materials labour, HOM of machinery, curing complete as per specification . **(Pg.No.13, It.4.3)**								
	Basic Rate:	cum	5102.00						
	Area Weightage @ 6%		306.12						
	Total		5408.12						
	RCC DRAIN-BOTTOM								
	3rd cross		2.00	126.00	0.95	0.15	35.91		
	Culverts		2.00	6.00	2.00	1.20	28.80		
					TOTAL		**64.71**	5408.12	349960.00
	KSRB4-1.6: Providing and laying in position plain cement concrete of mix 1:2:4 with cement @ 240 kgs, with 20 mm and down size graded granite matel coarse aggregates @ 0.878 cum and fine aggragtes @ 0.53cum, machine mixed concrete laid in layers not eceeding 15 cms, thick well compacted, in foundation, plinth and cills including cost of all materials, labour HOM machinery curing complate as per specifications. (Page No. 12. Item No. 4.6)								
	Culverts		2	6.00	0.60	0.15	1.08		
	coping		4	6.00	0.60	0.10	1.44		

					TOTAL		**2.52**	5747.32	14483.25
	Basic Rate:	cum	5422.00						
	Area Weightage @ 6%		325.32						
	Total		5747.32						
4	KSRB 5.3-1:Providing and constructing granite /trap/basalt size stone masonry in foundation with cement mortar 1:6, stone hammered dressed in courses not less than 20cms hign, bond stones at two m apart in each course including cost of materials, labour, curing etc., complete as per specifications.(P-25. Item No. 5.3)								
	Culvert		4	6.00	0.60	0.90	12.96		
					TOTAL		**12.96**	4871.76	63138.01
	Basic Rate:	cum	4596.00						
	Area Weightage @ 6%		275.76						
	Total		4871.76						
5	KSRB 15.1.4: Providing ruled pointing to coursed stone masonry with cement mortar 1:4, 20 mm deep, after raking joints to depth of 20mm nicely lining, including cost of materials, labour, curing complete as per specifications cement mortar 1:4. Page No. 115 / Item No. 15.4 / PWD SR 2018-19								
	Culvert		4	6.00		0.90	21.60		
					TOTAL		**21.60**	148.40	3205.44
	Basic Rate:	sqm	140.00						
	Area Weightage @ 6%		8.40						
	Total		148.40						
6	KSRB 4.2.2: Providing and laying in position reinforced cement concrete of design mix M20 with OPC cement @ 320 Kgs with 20mm and down size graded granite metal coarse aggregates @ 0.69 cum and fine aggregates @ 0.460 cum with superplastizers @ 3lts confirming to IS 9103-1999 RE affirmed - 2008 machine mixed, concrete laid in layers not exceeding 15cms thick, vibrated for all works in foundation plinth and ground floor level for roof slabs, stair case lintels, retaining walls return walls, walls(anythickness) including attached plasters columns piers abutments pillars posts struts butresses string or lacing courses parapets copings, bed blocks , plain windows cills fillets etc., including cost of all materials labour HOM of machinery curing complete as per specifications. Seocifications No. KBS 4.1,4.6 (Page NO. 14, Item NO. 4.11)								
	Basic Rate:	cum	5659.00						
	Area Weightage @ 6%		339.54						
	Total		5998.54						
	Bottom								
	3rd cross		2.00	126.00	0.95	0.15	35.91		
	Side Wall								
	3rd cross	**2x2**	4.00	126.00	0.15	0.60	45.36		
							81.27	5998.54	487502.00

7	Providing **TMT Steel Reinforcement for R.C.C work** including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications.(Page No.18, Item No.4.46.2)								
	Basic Rate:	Tonne	70966.00						
	Area Weightage @ 6%		4257.96						
	Total		75223.96						
	Reinforcement for side wall						81.27		
			At 55 Kg % per cum				**4.47**	75223.96	336240.00
8	Providing and removing Centering, shuttering, strutting, propping etc., for columns, pillars, piers, abutments, post and struts, square / **rectangular slabs /side walls** polygon in plan including cost of materials, labour complete as per specification and directions of the Engineer in charge.(Page No.16, Item NO.4.32)								
	Basic Rate:	Sqm	456.00						
	Area Weightage @ 6%		27.36						
	Total		483.36						
	SIDE WALL								
	3rd cross	2x4	8	126.00		0.60	604.80		
							604.80	483.36	292337.00
9	Providing and fixing 10cms thick pre cast RCC covering slab using reinforced cement concrete M20 mix with stone aggregate 20mm and down size including centring shuttering reinforcement and bar bending machine mixed concrette laid in layers not exceeding 15 cm thick wellcompacted cost of all materials labour curing complete as per specfications (Data Rate Approved)								
	DETA RATE	Sqm							
	Covering Slab								
	3rd cross		418		0.60	0.75	188.10		
							188.10	2100.00	395010.00
0	Providing and fixing 20 cm thick pre cast RCC covering slab using reinforced cement concrete M 20 mix with stone aggregate 20 mm and down size including centring shuttering reinforcement and bar bending machine mixed concrete laid in layers not exceeding 15 cm thick wellcompacted cost of all materials labour curing comlete as per specification (Data Rate)								
	Culvert		20	1.80	0.60		36.00		
					TOTAL		**36.00**	5111.00	183996.00

11	KSRRB M2900-2.1. Laying Reinforced cement concrete pipe NP2 / prestressed concrete pipe for culverts on first class bedding of granular material in single row including fixing collar with cement mortar 1:2 but excluding excavation, protection works, backfilling, concrete and masonry works in head walls and parapets complete as per specifications. MORTH Specification No. 2900 B. 1200 mm dia MORTH Specification No. 1000,2300 Page No. 255, Item No. 34.7.8, PWD SR 2018-19								
			4	1.50	--	--	6.00		
					TOTAL		**6.00**	5976.28	**35857.68**
	Basic Rate:	mtr	5638.00						
	Area Weightage @ 6%		338.28						
	Total		5976.28						
12	Providing 100mm and down size nominal size. (Pg No.I.Item No.23)								
	For Pit		4	0.28		0.60	0.68		
	(3.14x0.6*0.6)/4	Cum			**TOTAL**		**0.68**	987.62	**671.58**
13	Providing 40mm and down size nominal size (Pg No.II.Item No.25)								
	For Pit		4	0.28		0.40	0.45		
	(3.14x0.6*0.6)/4	Cum			**TOTAL**		**0.45**	1091.43	**491.14**
14	Providing 20mm and down size nominal size (Pg No.II.Item No.28)								
	For Pit		4	0.28		0.40	0.45		
	(3.14x0.6*0.6)/4	Cum			**TOTAL**		**0.45**	1091.43	**491.14**
15	Providing Fine aggrgate 2.36mm nominal size (Pg No.II.Item No.32)								
	For Pit		4	0.28		0.30	0.34		
	(3.14x0.6*0.6)/4	Cum			**TOTAL**		**0.34**	1054.29	**358.46**
16	Providing and fixing MS Grating 260x260 mm(Page No.1X, Sl No.234, code No.0771)								
			58				58.00		
					TOTAL		**58.00**	84.75	4915.50
17	KSRRB M100-1 Loading and unloading of stone boulder/stone aggregates/ sand/ kanker/ moorum. KSRRB M100-1:Placing tipper at loading point loading with front end loading, dumping turning for return trip, excluding time for haulage and return trip complete as per specification MORTH Chapter 1 (Page 136, item No. 17.1)								
	Basic Rate	cum	**57.00**				271.60	94.34	25623.00
	Rs. 2.50 Tonne Km.								
	Average Weight of earth 1.28 Tonne/Km.								
	For 10 Km								
	Rs.2.50X1.28TonneX10K		**32.00**						
	Total		**89.00**						
	Add Area Weightage6%		**5.34**						
			94.34						
18						**Sub Total**			2231707.20

1)This is cert
2) The work
3) The items
4)The rates a

Asst.Enginee
Ward no.7

19				Add 12% GST charges			267804.86
20				Miscelleneous charges			487.93
21						Total	2500000.00

1)This is certified that the work spot comes under BBMP limits only.

2) The work spot is inspected by me

3) The items Provided in the Estimate are quite Essential

4)The rates are as per CSR of 2018-19 year of PWD Bangalore Circle.

Asst.Engineer
Ward no.7

Asst.Exe.Engineer
Kodigehalli Sub-division
B.B.M.P.

Executive Engineer
Byatrayanapura Division
B.B.M.P.

Administrative Approval

Accorded For RS 25 : w/arche only
Head of A/C P1771
CER NO : 27 Dt: 09.05.2019

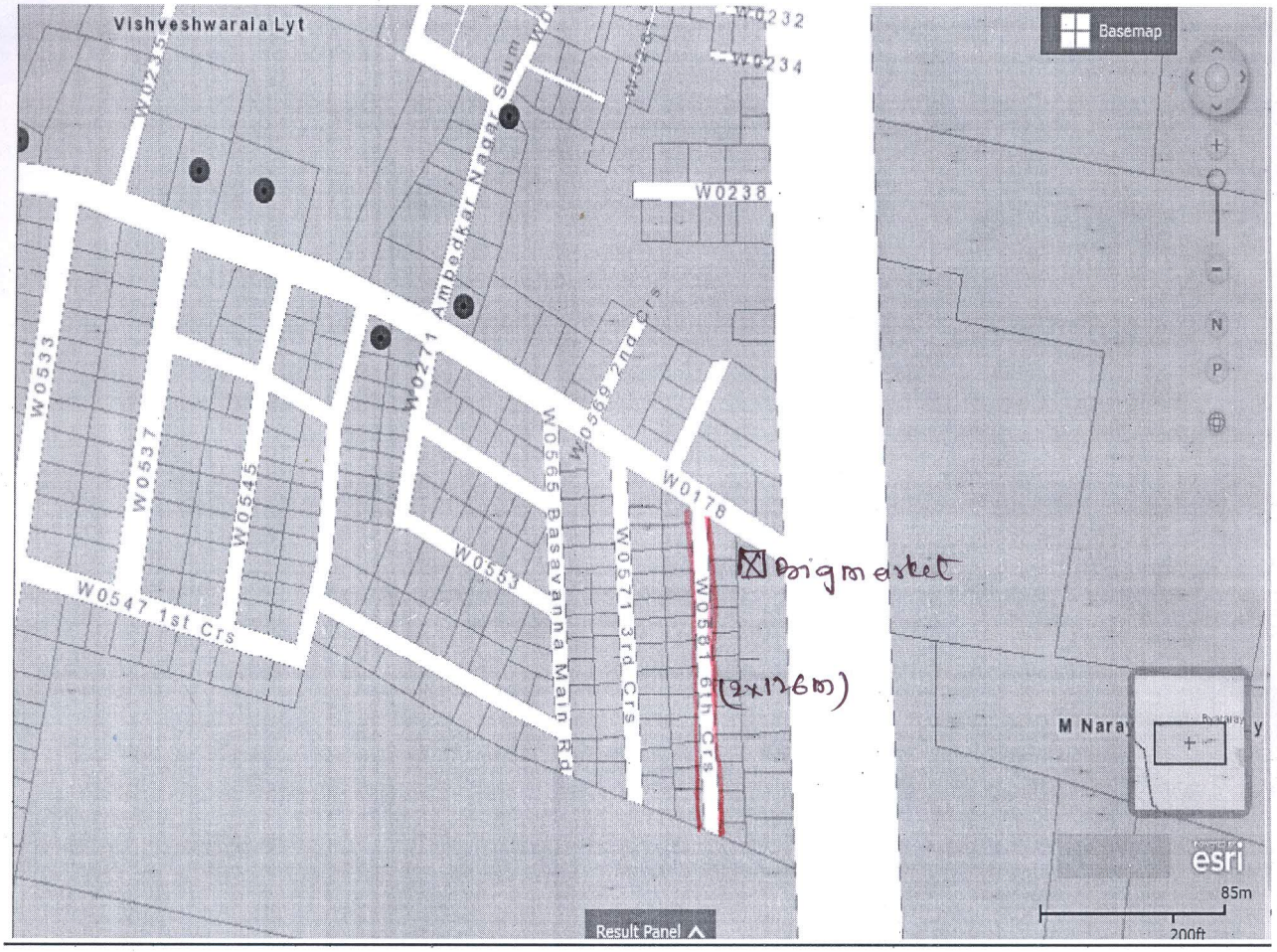
TA CE (YNK)

Technical Sanction

Accorded For RS 25 : w/arche only
Head of A/C P1771
CER NO : 12 Dt: 09.05.2019

TA CE (YNK)

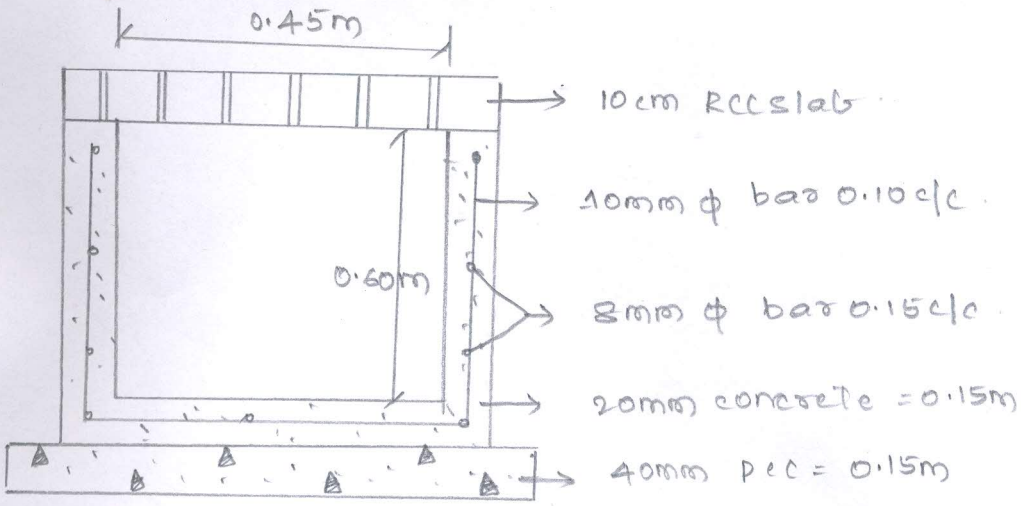
- Name of work:- Improvements to drains of 20th Main-3rd cross road of G Block Sahakaranagara and Byatarayanapura Gramatana in ward no.07, Byatarayanapura



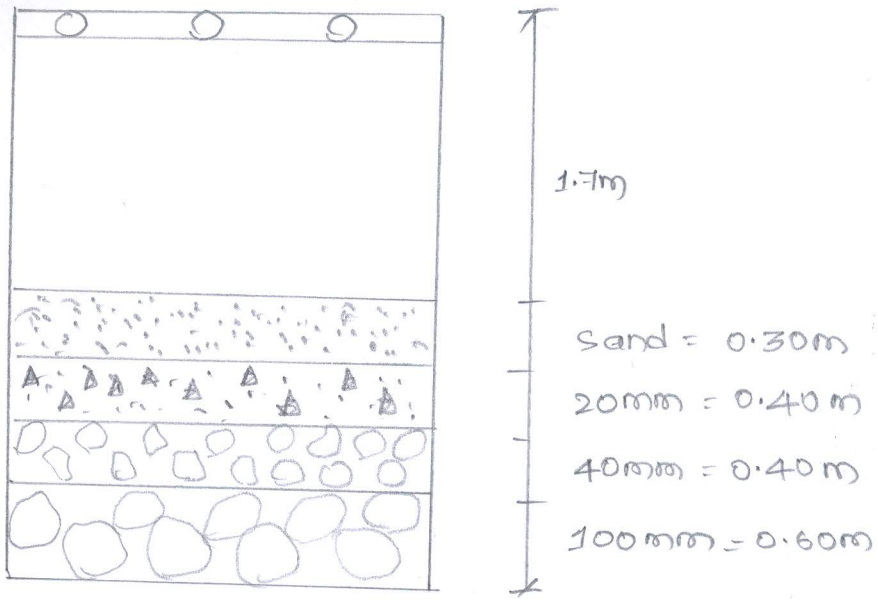
AE(W)

Assistant Executive Engineer
Kodigehalli Sub Division
Bruhat Bangalore Mahanagara Palike
Bangalore - 560 092

Name of work:- Improvements to drains of 20th main 3rd cross road of 'G' block Sahakaranagara and byatarayanapura gramatana in ward no.07. byatarayanapura.



CROSS-SECTION OF RCC DRAIN



CROSS-SECTION OF RAIN UNIT.

AE(W2) A.N.D

Assistant Executive Engineer
Kodigehalli Sub Division
Bruhat Bangalore Mahanagara Palike
Bangalore - 560 092

DATA RATE FOR DRAIN COVERING SLAB (1.20 X 0.60)

(R.C.C Precast Slab) - deduct 5%

A	KSRB 4.2.2 Providing and laying in position reinforced cement concrete of design mix M20 with OPC cement @ 320 kgs, with 20mm and down size graded metal coarse aggregates @ 0.87Rcum and fine aggregate @ 0.45Dcum with superplasticizer @3% confirming to IS9103 1999 reaffirmed 2005, machine mixed, concrete laid in layers not exceeding 15cms thick vibrated for all works in foundation plinth and ground floor level for roof slabs, staircase, lintles, retaining walls, return walls, walls (any thickness) including attached pilasters, columns, piers, abutments, pillars, posts, struts, buttresses, string or facing courses, parapets, coping bed blocks anchor blocks, plain window cills, fillets, etc., including cost of all materials, labour HOM of machinery, curing complete as per specification Specification No KBS 4.1, 4.6 (P: 130, 4.11 PW,P & IWTD,Bfore Circle SR-2014-15) (RCC 1:1.5:3)								
	cement concrete 1:2:4								
	Cover slab size (1.00 X 0.60)								
			1	1.20	0.60	0.10	0.072	6065.28	436.70
	Basic Rate	5616.00							
	Add 8% Area weightage	449.28							
	Total	6065.28							
B	KSRB 4.6.4: Providing and removing centering, shuttering, strutting, propping etc., and removal of form work of vertical surface such as walls at any thickness, including attached pilasters, buttressess, plinth and string courses coat of all materials, labour complete as per specification (P: 15/4.31 PW,P & IWTD,Bfore Circle SR-2014-15)								
	centring								
	sides		1	3.60		0.10	0.36		
	Nm		~~1~~	~~1.20~~	~~0.60~~		~~0.72~~		
							1.08	292.68	~~316.09~~
	Basic Rate	271.00					0.36		105.40
	Add 8% Area weightage	21.68							
	Total	292.68							
C	KSRB 4.9.2: Providing T.M.T STEEL REINFORCEMENT FOR RCC work including straightening, cutting, bending, hooking, placing in position lapping and / or welding wherever required tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour HOM of machinery complete as per specifications. (P:19/4.48 PW,P & IWTD,B'lore Circle SR-2014-15)							tonne	
	steel						→ 0.889 kg/m.		
	main bars 12mm 100mm C/C spacing	1	7	1.10	0.89	6.85	6.85		
	Dist bars 12mm 100mm C/C spacing	1	(12)	0.55	0.89	5.87			
						12.72	12.72 kg		996.6
						0.01	78351.84	997.18	
	Basic Rate	72548.00			0.012 MT				996.05
	Add 8% Area weightage	5803.84							
	Total	76351.84							
				21	37.14				1749.98
	For 1 Sqm=	~~1749.98~~ / 0.72 =		~~2430.53~~					1538.74
		1538.74	Say	2430.00	/ Sqm				

Rupees Two thousand One hundred only — 2100.00 / Sqm

(2)

d by CamScanner

ಕಡತದ ಸಂಖ್ಯೆ/ [illegible]

ನಂ 3/8/16-

ಪಂಕ್ತಿಯ ಸಂಖ್ಯೆ	ಟಿಪ್ಪಣಿಗಳು ಮತ್ತು ಆಜ್ಞೆಗಳು
(1)	ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು (ಮಲಪು) ರವರಿಗೆ ಮಂಡಿಸಿದೆ.

ವಿಷಯ: ಡಾಟಾ ರೇಟ್ ಅನುಮೋದಿಸುವ ಬಗ್ಗೆ.

(2) ಮೇಲ್ಕಂಡ ವಿಷಯಕ್ಕೆ ಸಂಬಂಧಿಸಿದಂತೆ ಈ ಕೆಳಕಂಡ ವಿಶಿಷ್ಟ ವಿವರಣೆಗೆ ಬೆಂಗಳೂರು ವೃತ್ತ ಲೋಕೋಪಯೋಗಿ ಇಲಾಖೆಯ ದರಪಟ್ಟಿಯಲ್ಲಿ ದರಗಳು ಲಭ್ಯವಿಲ್ಲದ ಕಾರಣ ಡೆಟಾ ದರಗಳನ್ನು ತಯಾರಿಸಲಾಗಿರುತ್ತದೆ.

Sl.No	Description	Rate
1	Providing and Laying Precast Drain cover slabs of 250mm thickness for drain in Cement concrete M20 using graded granite jelly 20mm and down size with steel reinforcement, including fofrm work, lift charges curing and concrete finished surface on both side etc ., complete as per drawing and direction engineer in charge of work.	5111.00 persqm
2	Providing and Laying Precast Drain cover slabs of 100mm thickness for drain in Cement concrete M20 using graded granite jelly 20mm and down size with steel reinforcement, including form work, lift charges curing and concrete finished surface on both side etc., complete as per drawing and direction engineer in charge of work.	1834.00 perSqm
3	Providing and constructing granite/ trap/ basalt size stone masonry (with available stones in foundation) with cement mortar 1:6 stone hammered dressed in courses not less than 20 cms high bound stone at 2mtr apart in each course including cost of materials, labour, curing complete as per specification.	2709.72 perunit(ಘನ)
4	Provding and filling dust in foundation upto plinth required depth for sub soil treatment including watering raming with all lead and lift, complete as per specification.	1182.00 per Cum

(3) ಮುಂದುವರೆದಂತೆ, ಡೆಟಾ ದರಗಳ ಪ್ರತಿಯನ್ನು ಈ ಕಡತದೊಂದಿಗೆ ಲಗತ್ತಿಸಿ, ಸದರಿ ಡೇಟಾ ದರಗಳಿಗೆ ಅನುಮೋದನೆ ಮಾಡಿಕೊಡಲು ಕಡತವನ್ನು ಮುಂದಿನ ಆದೇಶ ಕೋರಿ ಮಂಡಿಸಿದೆ.

(4)

ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ. ಪು.ತಿ.ನೋ

(5) ಕಂಡಿಕೆ (1) ರಿಂದ (3) ರವರೆಗಿನ ಸಿ.ಡಿ.ಪಿ (ತುಪ್ಪಳ) ರವರ ವರದಿಯನ್ನು ಪರಿಶೀಲಿಸಿದಾಗ, ಕಂಡಿಕೆ (2) ರಲ್ಲಿನ ವಿವರಣೆಗಳಿಗೆ ತಕ್ಕಂತೆ ತಕ್ಕಪ್ಪಯಲ್ಲಿ ಬಳ್ಳಾಪುರ ವಿಧಾನಸಭಾ ಕ್ಷೇತ್ರಕ್ಕೆ ಸಂಬಂಧಿಸಿದಂತೆ ಕಾಮಗಾರಿಯನ್ನು ಕೈಗೊಳ್ಳಲು ಅನುಮೋದನೆಗಾಗಿ ಕೋರಿರುವ ಪತ್ರವು ಸರಿಯಾಗಿದೆ.

ಮುಖ್ಯ ಅಭಿಯಂತರರು
ಮಹಾನಗರ ಪಾಲಿಕೆ ಪೂರ್ವ ವಿಭಾಗ
ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ

6) CE(W) JA/ಸಾಮಾನ್ಯ

ಆದೇಶ:

(7) ಕಂಡಿಕೆ (1) ರಿಂದ (5) ರಲ್ಲಿನ ಪ್ರಸ್ತಾವನೆಯನ್ನು ಪರಿಶೀಲಿಸಿ ಅನುಮತಿ ನೀಡಿದೆ ಮತ್ತು ಕಂಡಿಕೆ (2) ರಲ್ಲಿ ಪ್ರಸ್ತಾಪಿಸಿರುವಂತೆ ಈ ಕಾಮಗಾರಿಯಲ್ಲಿ ಅಳವಡಿಸಲಾಗುವ "DATA RATE" ಇನ್ನೂ ಹೆಚ್ಚಿಸಲು ಅಗತ್ಯವಿರುವ ಹೆಚ್ಚುವರಿ ಕಾಮಗಾರಿಯನ್ನು ಪ್ರಸ್ತಾವನೆಯಲ್ಲಿ ಸೇರಿಸಿ ಪರಿಷ್ಕೃತ ಪ್ರಸ್ತಾವನೆಯನ್ನು ಸಲ್ಲಿಸಲು ಆದೇಶಿಸಿದೆ.

(8) ಅನುಮೋದಿಸಿದೆ

ಮುಖ್ಯ ಅಭಿಯಂತರರು (ಪಶ್ಚಿಮ)
ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ
Bangalore

(9) CE(W)

Chief Engineer (West)
No. 111/16-17
Date 23/8/16
B.B.M.P, BANGALORE

ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ

ಟಿಪ್ಪಣಿ ಹಾಳೆ

ವಿಷಯ ..... ಪುಟದ ಸಂಖ್ಯೆ .....

..... ಕಡತದ ಸಂಖ್ಯೆ .....

ಪಂಕ್ತಿಯ ಸಂಖ್ಯೆ	ಟಿಪ್ಪಣಿಗಳು ಮತ್ತು ಆಜ್ಞೆಗಳು
(10)	ದಿನಾಂಕ ರೀತಿ FOR providing and laying precast drain cover slabs of 250 mm thickness using M20 concrete for drains ಗೆ ಕಾಮಗಾರಿಯಲ್ಲಿ ಕೈಯುಂಕರಲು ಉಪಯೋಗಿಸಿದ್ದ ಅಳತೆಯ ಬಗ್ಗೆ ರವರು ನಿಡಿರುವ ವರದಿಯನ್ನ ಪರಿಶೀಲಿಸಲಾಗಿದ್ದು, ಸದರಿ ಅಂಶಗಳನ್ನು ಪರಿಗಣಿಸಲು Data Rate ನ್ನು ಕೆಳಗೆ ಸೂಚಿಸಿದ ಪ್ರಕಾರ ನಿಗದಿಪಡಿಸಲು ಸೂಕ್ತವೆಂದು ಕಂಡುಬರುತ್ತದೆ. 23/8/16
(11)	6.6 (ಅಶ್ವಿನಿ) ಅನುಮೋದಿಸಿದೆ ಪಿಡಿಪಿಸಿ 23/8/16 ಕಾರ್ಯನಿರ್ವಾಹಕ ಅಭಿಯಂತರರು ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ ಸಂಖ್ಯೆ: ಬಿಪಾವ: 6284 ದಿನಾಂಕ: 26/08/16 DM FM 26/8

BRUHAT BANGALORE MAHANAGARA PALIKE

Mahalakshmipura Division

Sl. No.	Description of Work	Unit	No	L, m	B, m	D, m	Quantity	Final Rate, Rs	Total Amount, Rs.
	DATA RATE for Laying Precast Drain Cover Slabs - 250mm thick								
	Pro\ ng and Laying Precast Drain Cover Slabs of 250mm thickness for drain in cement concrete M20 using graded granite jelly 20mm and down size with steel reinforcement, including form work, lift charges, curing and concrete finished surfaces on both sides etc., complete and as per drawing and the directions engineer in charge (**size 1.8 X 0.6 X 0.25 m)**								
1	KSRB 4.2.2 : Providing and laying in position **reinforced cement concrete of design mix M20** with OPC cement @ 320kgs, with 20mm and down size graded granite metal coarse aggregates @0.878cum and fine aggregtes @ 0.459cum, with superplastisiser @3lts confirming to IS9103-1999 Reaffirmed-2008, machine mixed, concrete laid in layers not exceeding 15 cms thick, vibrated for all works in foundation plinth and ground floor level for roof slabs, staircase, lintles, retaining walls, return walls, walls (any thickness) including attached plasters, columns, piers, abutments, pillars, posts, struts, buttresses, string or lacing courses, parapets, coping, bed blocks, anchor blocks, plain window cills, fillets etc., ncluding cost of all materials, labour, HOM of machinery, curing, complete as per specifications. Specification No. KBS 4.1, 4.6 **(Item No. 4.11, Page No. 13 of KPWD S.R 2015-16)**								
		cum	1	1.8	0.60	0.25	0.270	6347.16	**1714.00**
2	KSRB 4-6.4 : Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for vertical surface such as walls at any thickness , ncluding attached pilasters, buttresses, plinth and string courses cost of all materials, labour complete as per specificaitons. Specification No. KBS 4.6.2 (Page No 15., I.No.4.31 of KPWD S.R 2015-16).								
		Sqm	2	1.8	0.25		0.90		
			2	0.6	0.25		0.30		
		Sqm					**1.20**	**306.72**	**368.06**
3	KSRB 4-6.3 : Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for flat surface such as suspended floors, roofs, landings, balconies and likes, thickness above 200 mm including cost of all materials, labour complete as per specification. Specification No. KBS 4.6.2 (Page No 15., I.No.4.30 of KPWD S.R 2015-16).								
		Sqm	1	1.8	0.60		1.08	403.92	**436.00**
4	KSRB 4.9.2 : Providing T .M.T steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications. Specification No. KBS 4.6.3 for TMT Bars Fe500 (Page No 17., I.No.4.46.2 of KPWD S.R 2015-16).								
	Steel 16mm dia - Main Rod @ 150mm c/c		2	5	2.20		22.00		
	Lifting Hook 10mm dia - 2 Nos		1	2	0.30		0.60		
	Total						22.60		
	Total @ 1.58 kg/m						0.04		
	Steel 8mm dia - Distribution Rod @ 150mm c/c		2	13	0.60		15.60		
	Total @ 0.39 kg/m						0.006		
	Total Steel Cost	q						69805.80	**2917.00**
5	**Refixing stone slabs / RCC Precast slabs** of drains and pointing in C.M (1:3) (Page No 25., I.No.5.33 of KPWD S.R 2015-16).								
		sqm	1	1.80	0.60		1.08	78.84	**85.00**
	Rate per each								**5520.06**
	Rate per Sqm								**5111.00**

Arpitha.C.P.
Asst Engineer

Asst.Executive Engineer

Executive Engineer

DATA APPROVED @ FOR Rupees 5111=00 (Five thousand one hundred Eleven only)